FIG. 1

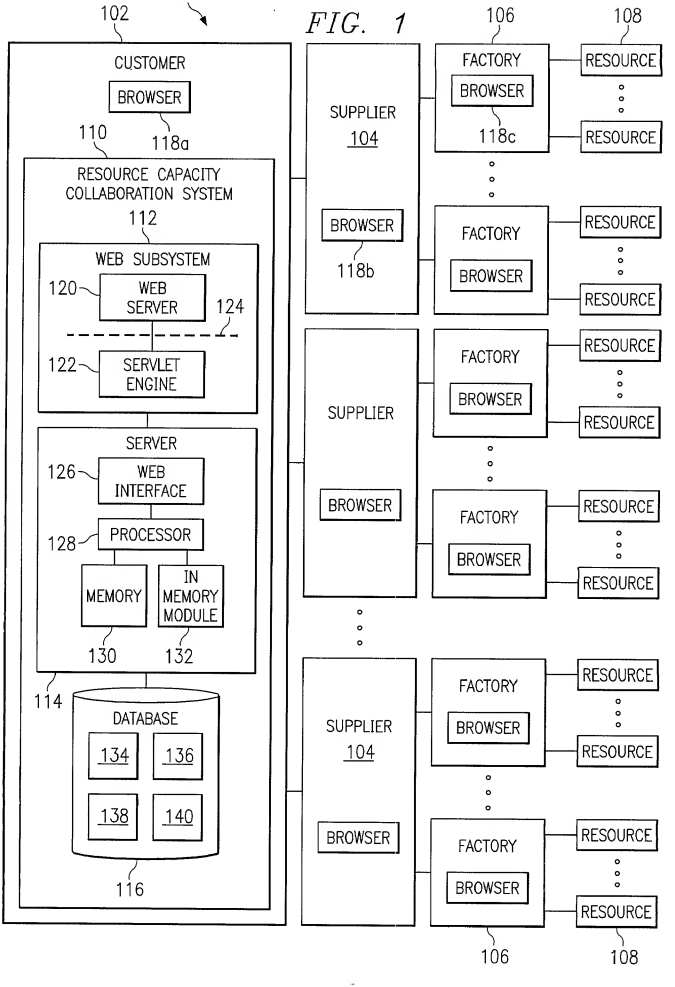
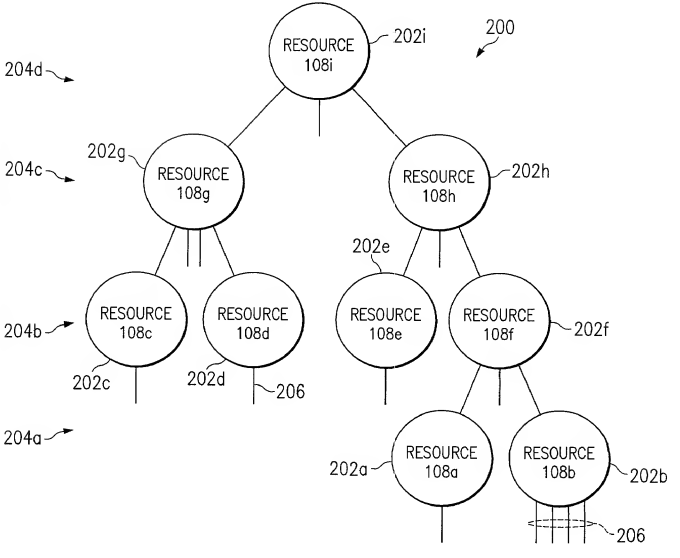

100
102
CUSTOMER
BROWSER
118a
110
RESOURCE CAPACITY COLLABORATION SYSTEM
112
WEB SUBSYSTEM
120
WEB SERVER
124
122
SERVLET ENGINE
SERVER
126
WEB INTERFACE
128
PROCESSOR
MEMORY
IN MEMORY MODULE
130
132
114
DATABASE
134
136
138
140
116
SUPPLIER
104
BROWSER
118b
SUPPLIER
BROWSER
SUPPLIER
104
BROWSER
FACTORY
BROWSER
118c
106
108
RESOURCE

FIG. 2


RESOURCE 108i
202i
200
204d
202g
RESOURCE 108g
204c
RESOURCE 108h
202h
202e
RESOURCE 108c
RESOURCE 108d
RESOURCE 108e
RESOURCE 108f
202f
204b
202c
202d
206
204a
202a
RESOURCE 108a
RESOURCE 108b
202b
206

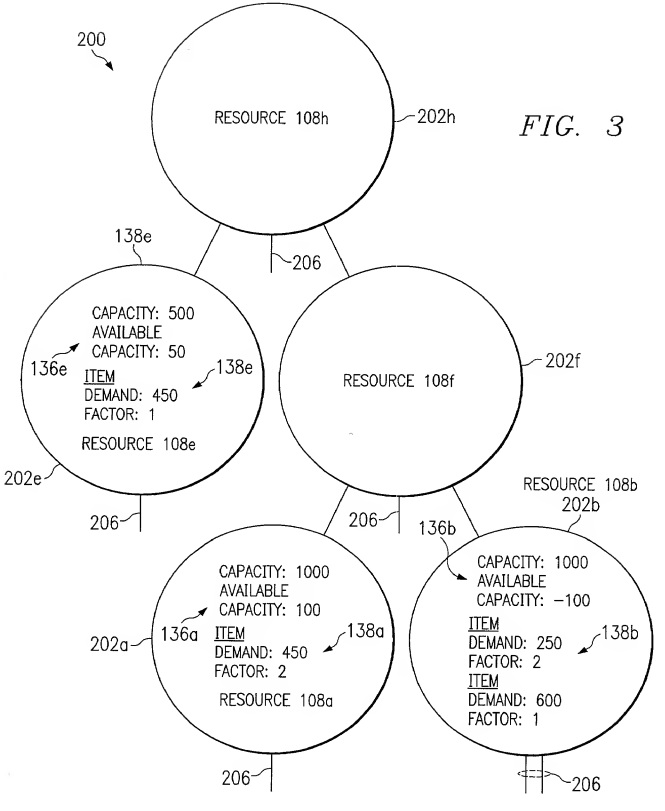
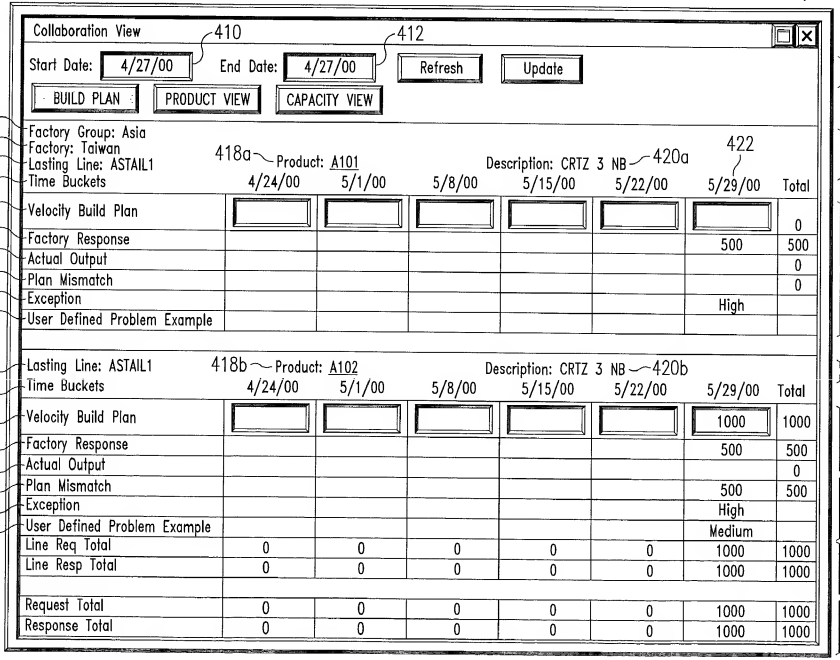

200
RESOURCE 108h
202h
206
138e
CAPACITY: 500
AVAILABLE
CAPACITY: 50
136e
ITEM
DEMAND: 450
FACTOR: 1
138e
RESOURCE 108e
202e
RESOURCE 108f
202f
206
206
RESOURCE 108b
202b
136b
CAPACITY: 1000
AVAILABLE
CAPACITY: 100
136a
ITEM
DEMAND: 450
FACTOR: 2
138a
202a
RESOURCE 108a
CAPACITY: 1000
AVAILABLE
CAPACITY: −100
ITEM
DEMAND: 250
FACTOR: 2
138b
ITEM
DEMAND: 600
FACTOR: 1
206
206

FIG. 3

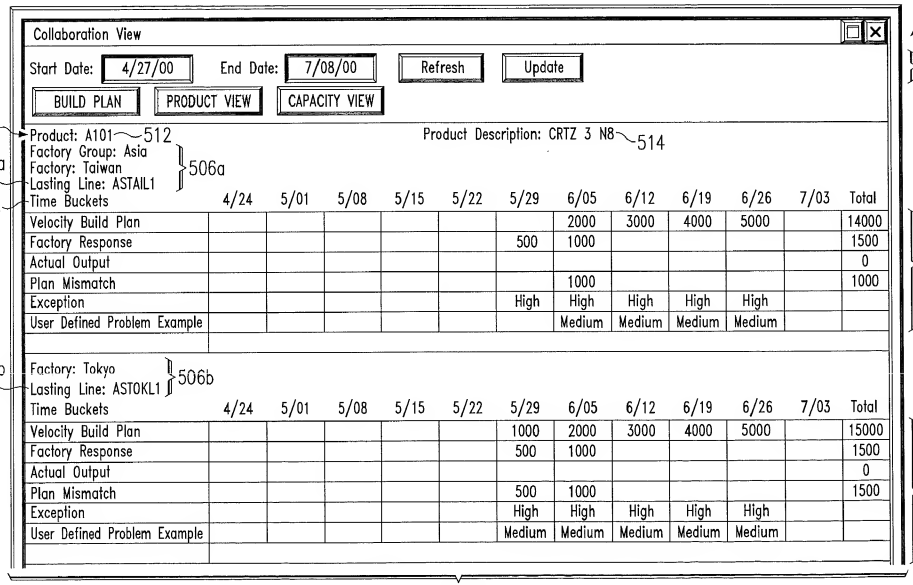
TO2250 '69078860

FIG. 4



Resource Capacity Coordination
Inventor: Vinayak S. Ghatsas
Attorney's Docket: 020431.0777
Sheets: 4 of 10 Filed: June 22, 2001

Resource Capacity Collaboration
Inventor: Vinayak. S. Ghalsas
Attorney's Docket: 020431.0777
Sheets: 5 of 10 Filed: June 22, 2001



TO FIG. 5B

FIG. 5A

Resource Capacity Co.,Corporation
Inventor: Vinayak S. Ghalsas
Attorney's Docket: 020431.0777
Sheets: 6 of 10 Filed: June 22, 2001

500

FROM FIG. 5A

108c

Lasting Line: ASTOKL2 ← 506c

Time Buckets	4/24	5/01	5/08	5/15	5/22	5/29	6/05	6/12	6/19	6/26	7/03	Total
Velocity Build Plan						1000	2000	3000	4000	5000		15000
Factory Response						500	1000					1500
Actual Output												0
Plan Mismatch						500	1000					1500
Exception						High	High	High	High	High		
User Defined Problem Example						Medium	Medium	Medium	Medium	Medium		
Prod Req Total	0	0	0	0	0	2000	6000	9000	12000	15000	0	44000
Prod Resp Total	0	0	0	0	0	1500	3000	0	0	0	0	4500

510c

516

FIG. 5B

Resource Capacity Collaboration
Inventor: Vinayak S. Chitalsas
Attorney's Docket: 020431.0777
Sheets: 7 of 10 Filed: June 22, 2001

FIG. 6

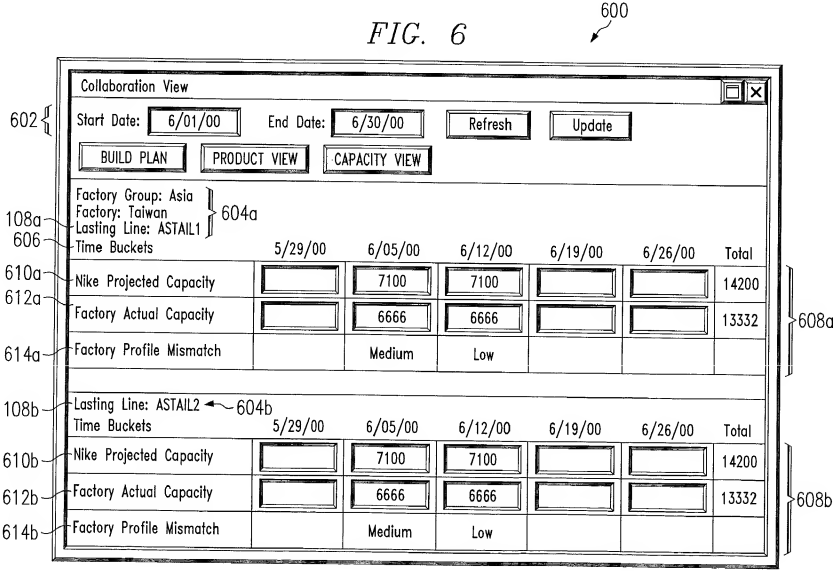


FIG. 7

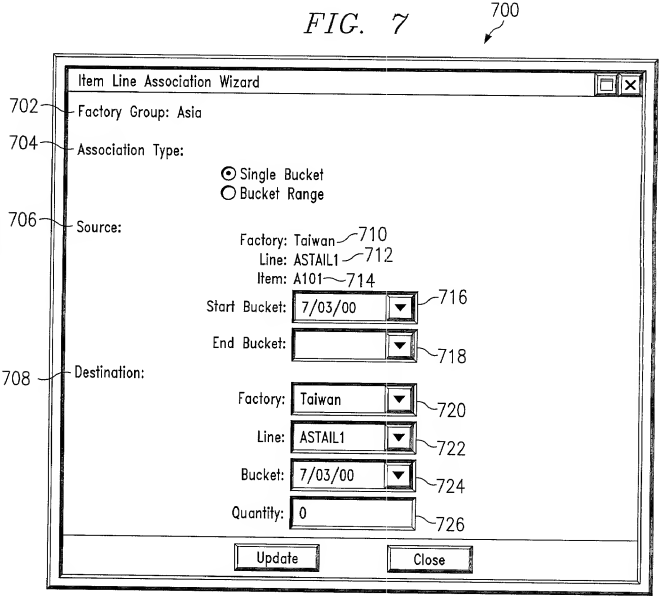
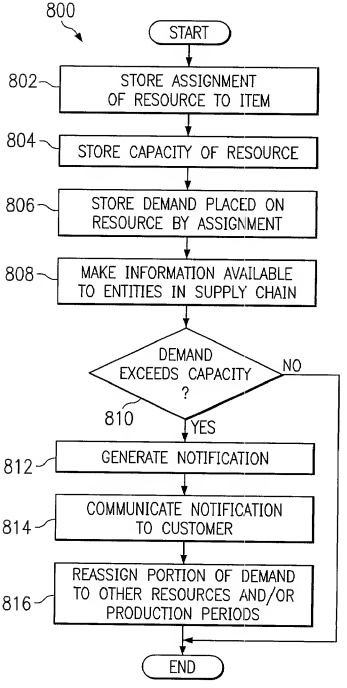

700
Item Line Association Wizard
702
Factory Group: Asia
704
Association Type:
Single Bucket
Bucket Range
706
Source:
Factory: Taiwan
710
Line: ASTAIL1
712
Item: A101
714
Start Bucket: 7/03/00
716
End Bucket:
718
708
Destination:
Factory: Taiwan
720
Line: ASTAIL1
722
Bucket: 7/03/00
724
Quantity: 0
726
Update
Close

FIG. 8



09557659.062201

09897559.052201

FIG. 9

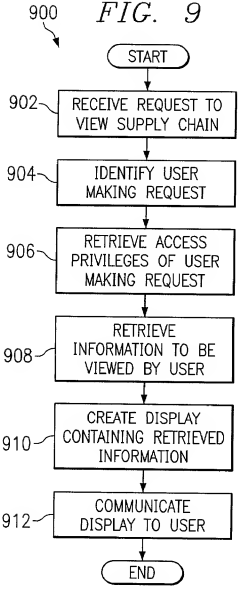
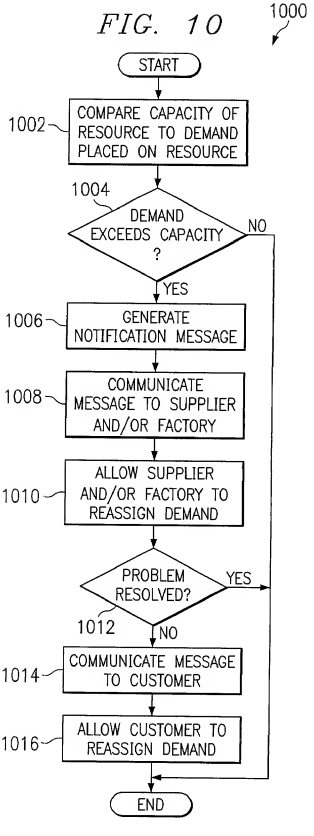



FIG. 10